

Technical Data Sheet

Product	Anti-Hu CD23 Pacific Blue™
Cat. Number/Size	PB-689-T100 100 tests
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	CD23
Clone	EBVCS-5
Format	Pacific Blue™
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	violet (405 nm)
Isotype	Mouse IgG1 kappa
Specificity	The mouse monoclonal antibody EBVCS-5 recognizes an extracellular epitope located in the stalk region of human low affinity IgE receptor (CD23) between the 37 and 25 kDa cleavage sites.
Other names	FCER2, Fc-epsilon-RII, BLAST-2, FCE2, CLEC4J, IGEBF
Immunogen	EBV-transformed human cells
Entrez Gene ID	2208
Gene name	FCER2
NCBI Full Gene Name	low affinity immunoglobulin epsilon Fc receptor
UniProt ID	P06734

Preparation	Purified antibody is conjugated with Pacific Blue™ NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References www.exbio.cz

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